

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 57-079507

(43)Date of publication of application : 18.05.1982

(51)Int.Cl.

G05B 19/18

(21)Application number : 55-154204

(71)Applicant : MITSUBISHI ELECTRIC CORP

(22)Date of filing : 31.10.1980

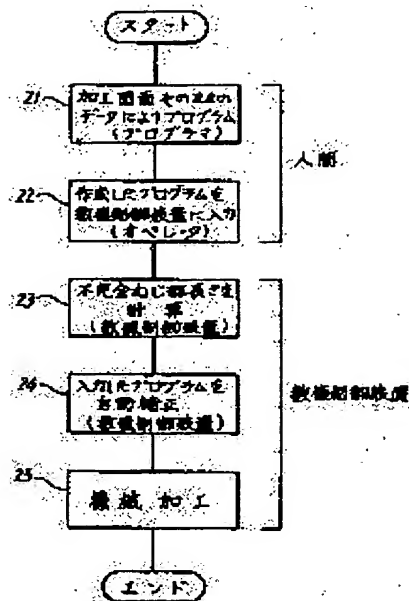
(72)Inventor : SHIMIZU YUTAKA
OSHITA MITSUAKI

(54) NUMERIC CONTROLLER

(57)Abstract:

PURPOSE: To eliminate an imperfect screw part by calculating imperfect screw part length due to the acceleration constant of a tool rest at the start of thread cutting, and starting the thread cutting work at a point in time when a cutting tool separate from a workpiece by the calculated value.

CONSTITUTION: The figure shows an invented flow. In a step 21, a program is generated by using a drawing which contains a desired work shape and in a step 22, the generated program is inputted. In a step 23, a numeric controller calculates imperfect screw part length according to the input work program. in a step 24, the initially inputted program is corrected on the basis of the calculation result of the step 23. Then, the numeric controller sends commands successively on the basis of the corrected program in a step 25 and under those commands, a machine tool performs thread cutting work.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office